

O T P E
FEB 26 2003
PATENT & TRADEMARK OFFICE
Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

1/10

FIG. 1

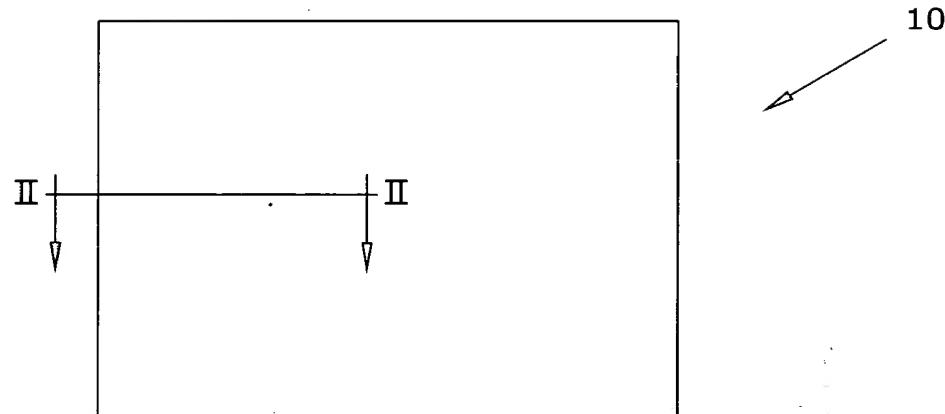
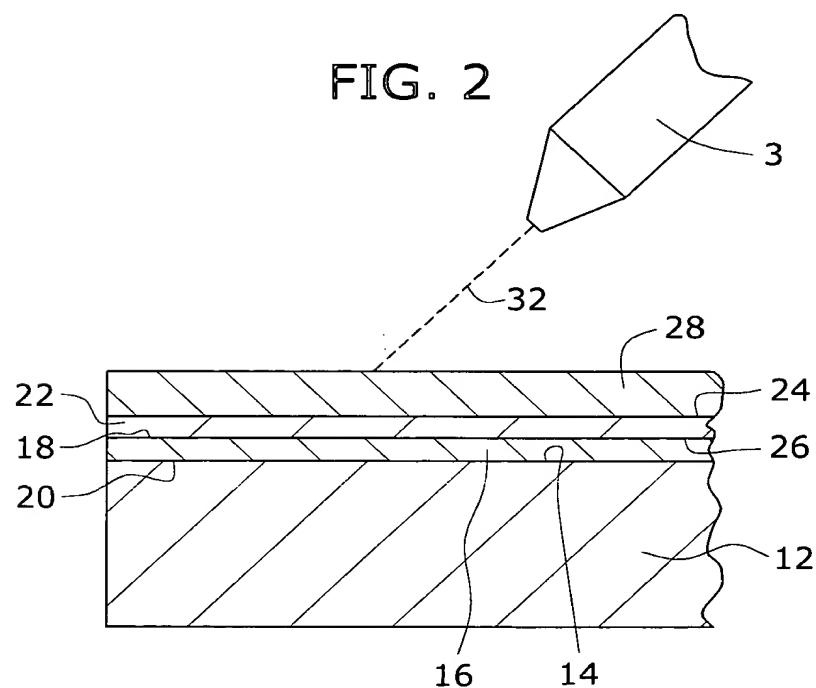


FIG. 2



O I F E
FEB 26 2003
PATENT & TRADEMARK OFFICE
Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

2/10

FIG. 3A

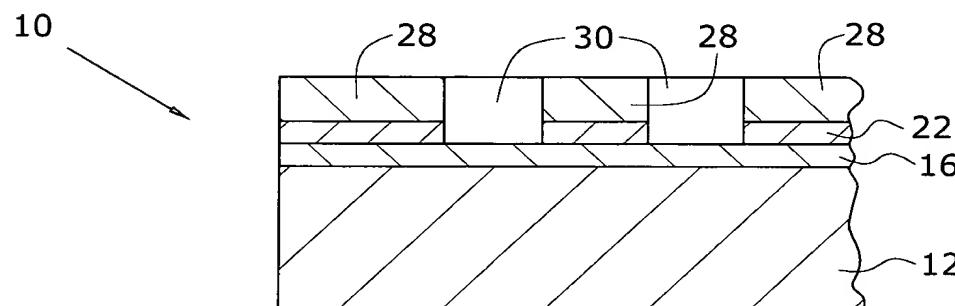
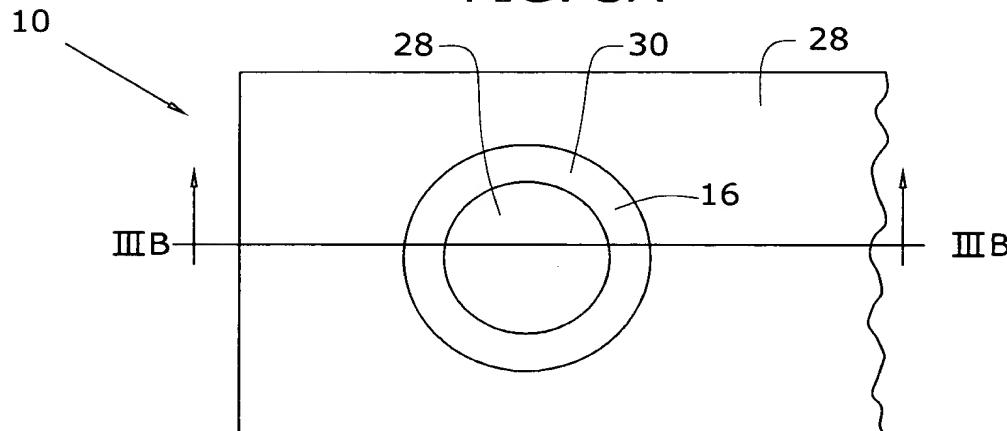


FIG. 3B

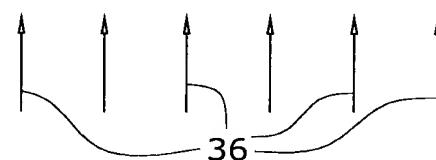
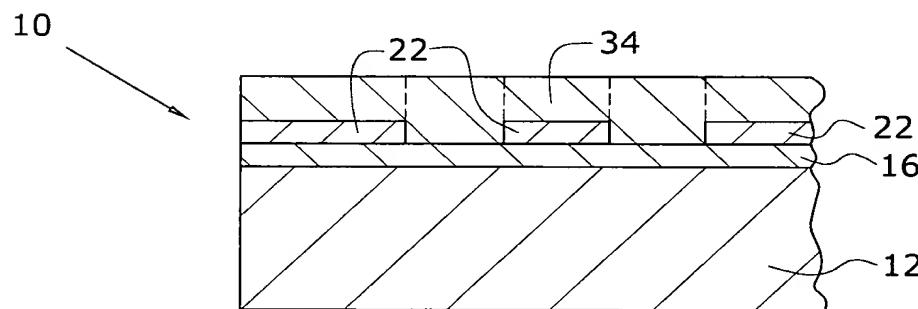


FIG. 4



Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

3/10

FIG. 5

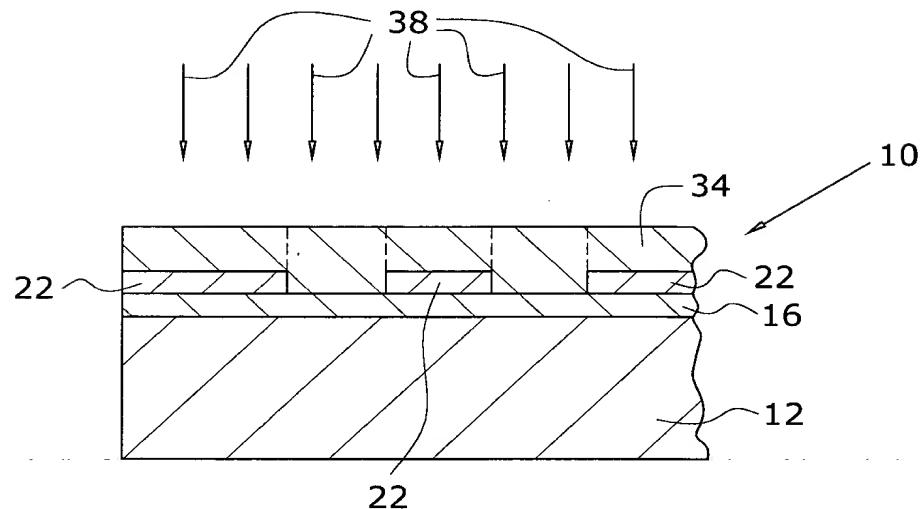


FIG. 6A

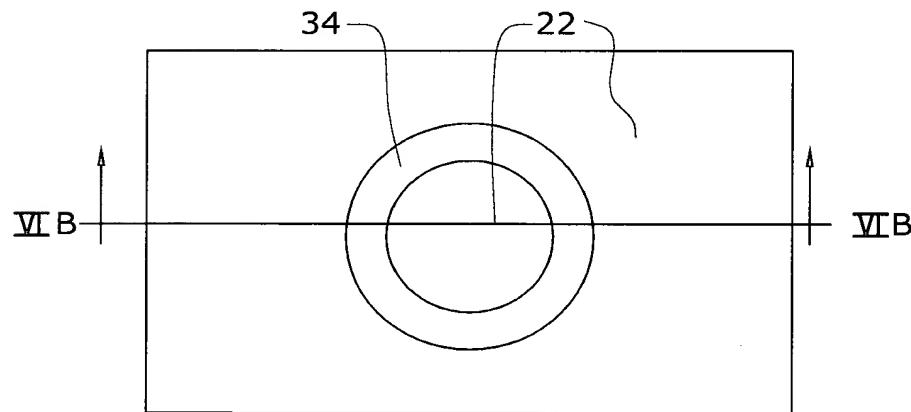
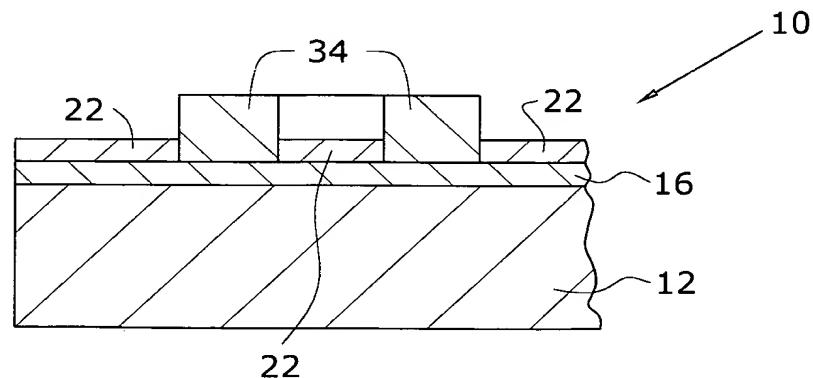


FIG. 6B





Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

4/10

FIG. 7

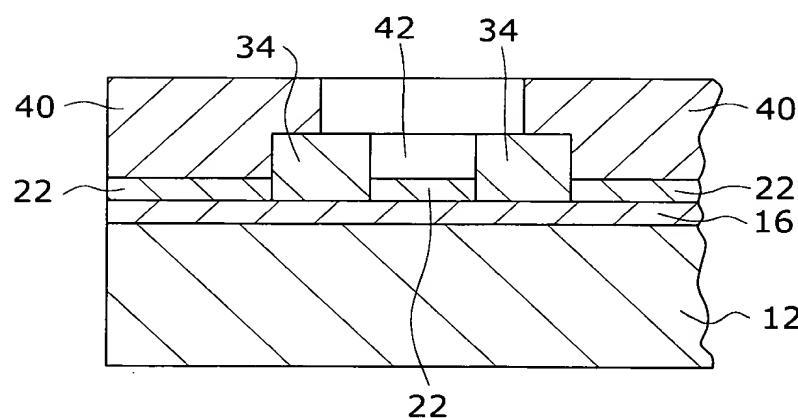
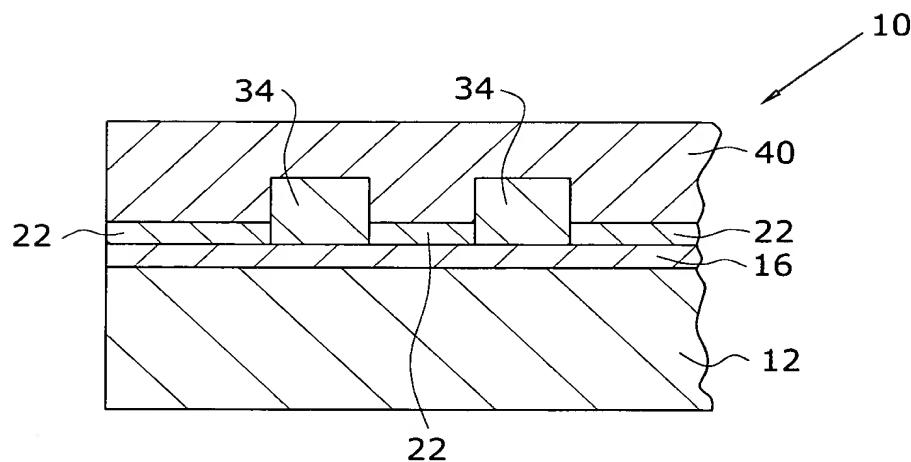


FIG. 8



Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

5/10

FIG. 9

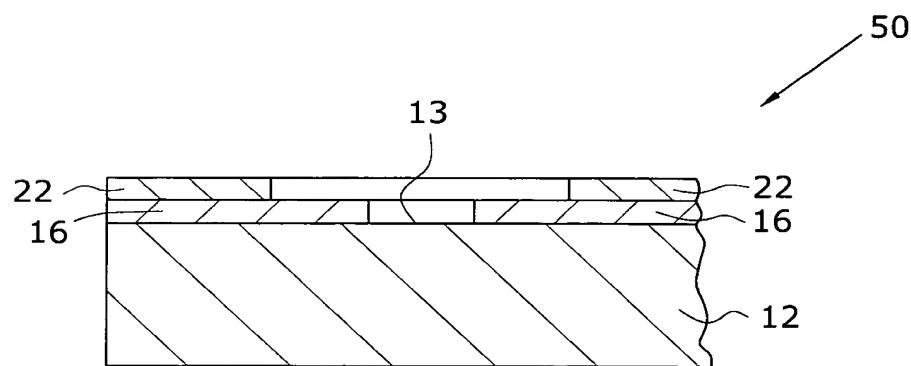
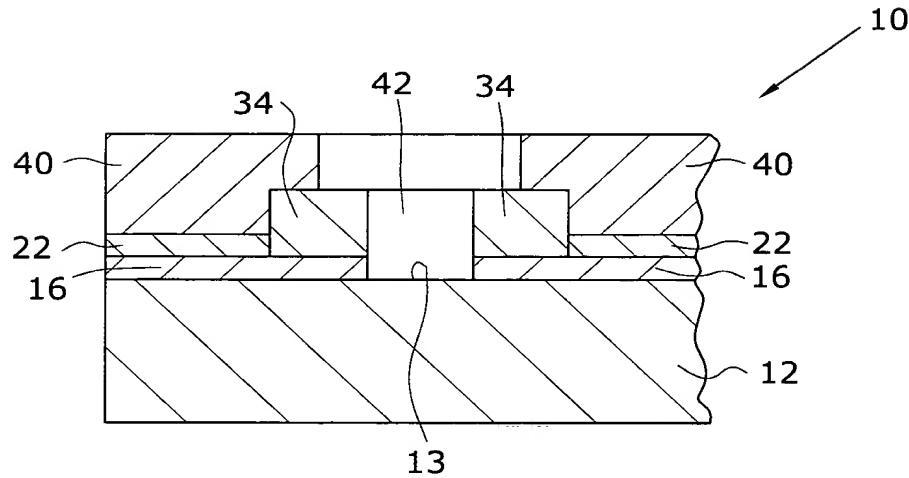


FIG. 10



Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

6/10

FIG. 11A

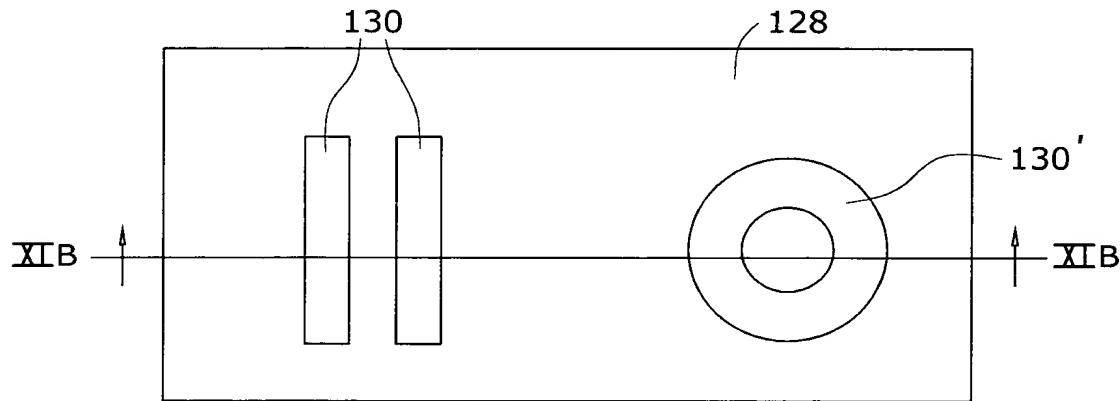


FIG. 11B

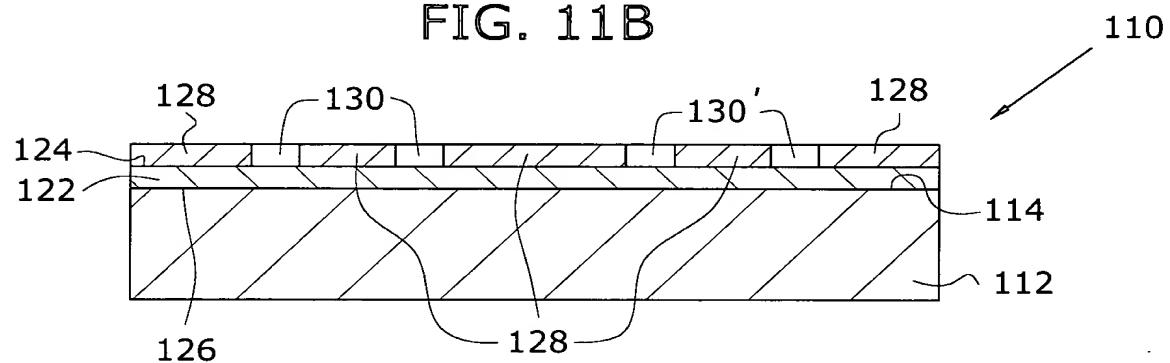
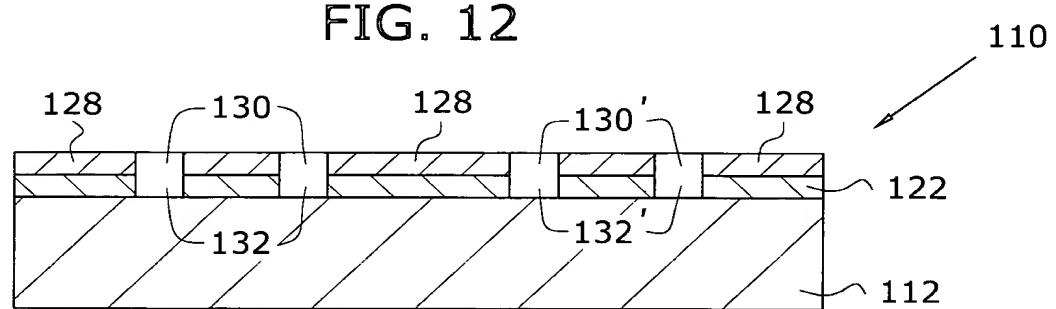


FIG. 12





Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

7/10

FIG. 13

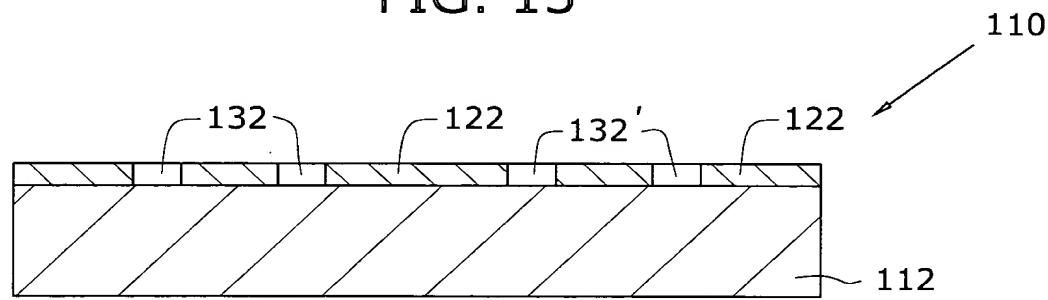


FIG. 14

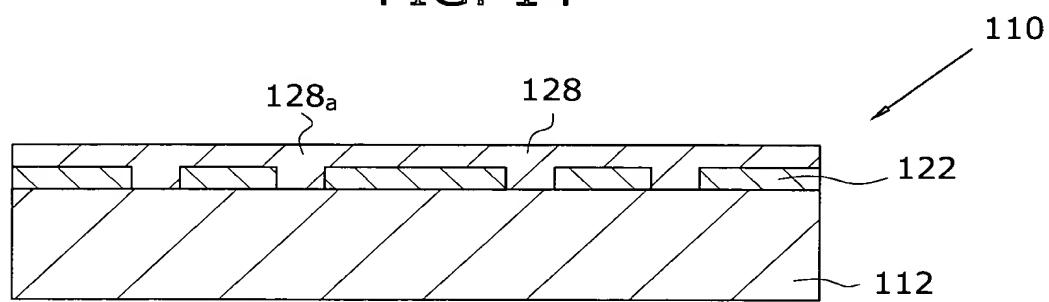
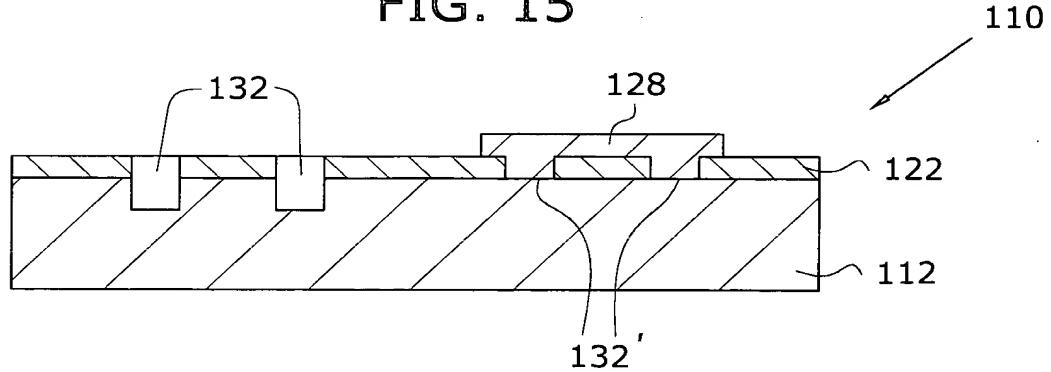


FIG. 15



O F F
FEB 26 2003
U.S. PATENT & TRADEMARK OFFICE
Method for Aligning a Contact or a Line to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

8/10

FIG. 16

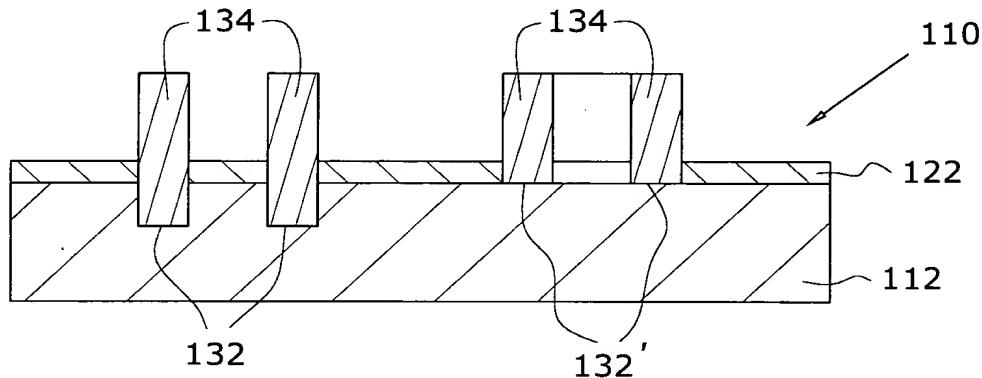


FIG. 17

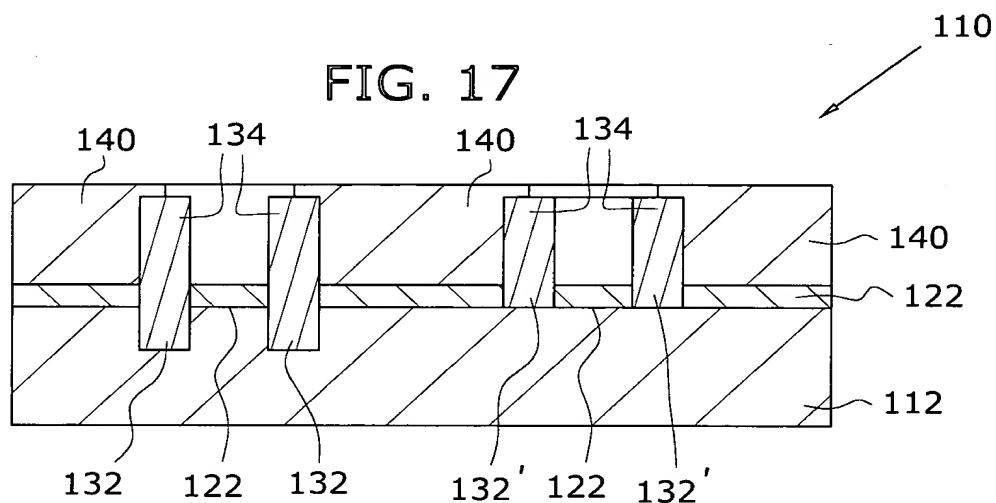
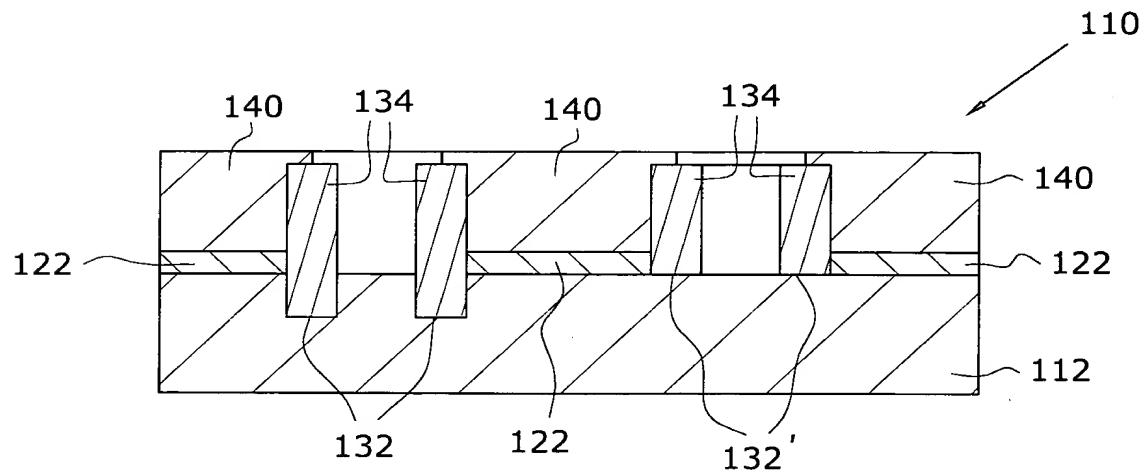


FIG. 18





Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

9/10

FIG. 19

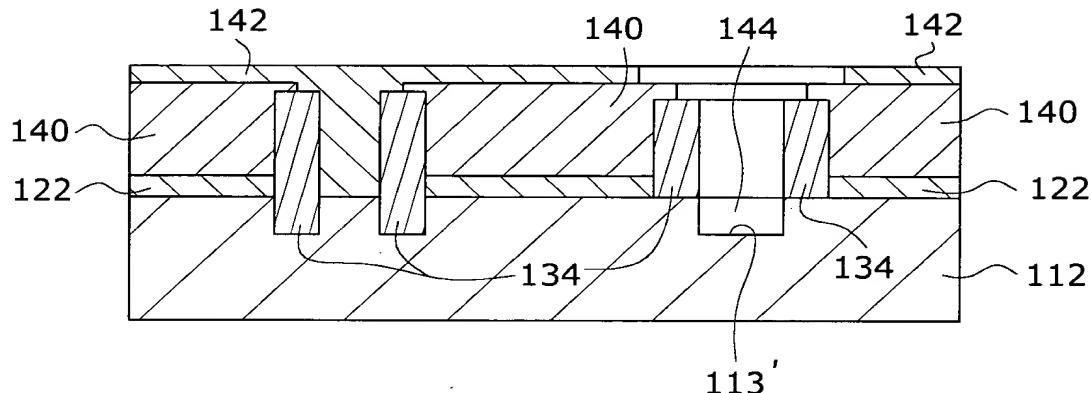


FIG. 20

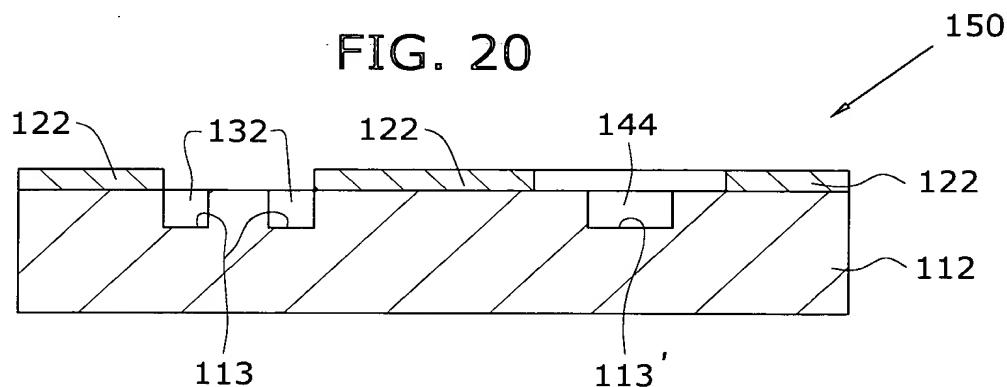
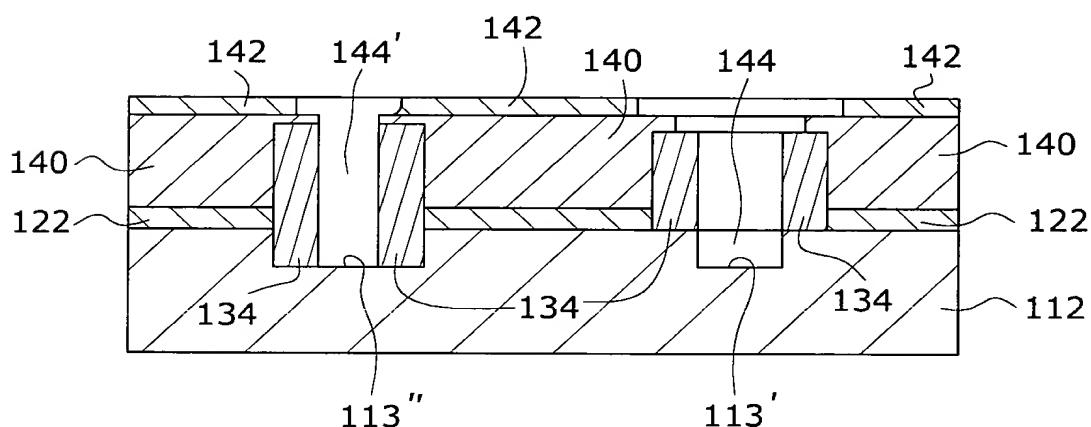


FIG. 21





Method for Aligning a Contact or a Line
to an Adjacent Phase-Shifter on a Mask
Filed 01-29-01 Serial No. 09/770,385
Thomas J. D'Amico (202) 828-2232

10/10

FIG. 22

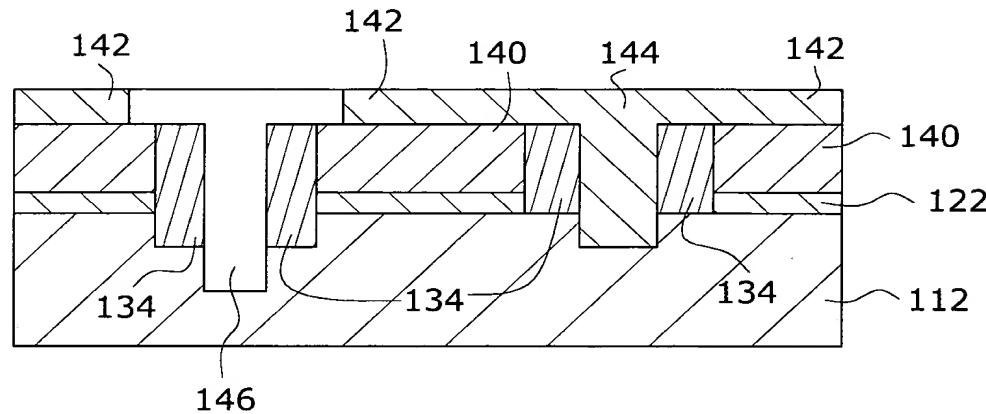


FIG. 23

